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(54) Title: **ENHANCED AMYLOSE PRODUCTION IN PLANTS**

(57) Abstract: The invention relates to methods for increasing the amylose content in plants, preferably in potato plants, by express-
ing a starch biosynthesis enhancing protein. The invention furthermore relates to an expression cassette expressing the polypeptide
in potato plants, preferably in the tubers, the transgenic plants expressing the polypeptide and to the use of said transgenic plants for
the production of fine chemicals especially other than native starches.

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